

Focus Exercises

Which property does each represent?

1. $5 + (8 + 2) = (5 + 8) + 2$ _____

2. $12 \times 5 = 5 \times 12$ _____

3. $0 + 11 = 11$ _____

4. $8 \times (5 \times 4) = (8 \times 5) \times 4$ _____

5. $25 + 19 = 19 + 25$ _____

6. $13 \times 1 = 13$ _____

Given the following list of numbers, find groups that add to 10, then find the sum of the entire list.

7. 7, 3, 5, 5, 2, 8, 6

8. 3, 9, 6, 4, 5, 7, 1

9. 1, 6, 3, 4, 1, 5, 8

10. 5, 3, 4, 9, 2, 8, 1, 7, 5

11. 5, 1, 4, 7, 3, 6, 5

12. 5, 3, 2, 1, 6, 3, 2

13. 2, 7, 4, 9, 3, 8, 6

14. 1, 2, 4, 7, 1, 5, 9

Find the following sums using the technique outlined in Example 6.

15. $5 + 7$
= $\underline{5 + (\quad + \quad)}$
= _____
= _____
= _____

16. $9 + 8$
= $\underline{9 + (\quad + \quad)}$
= _____
= _____
= _____

17. $8 + 6$
= $\underline{8 + (\quad + \quad)}$
= _____
= _____
= _____

18. $7 + 6$
= $\underline{7 + (\quad + \quad)}$
= _____
= _____
= _____

19. $6 + 9$
= $\underline{6 + (\quad + \quad)}$
= _____
= _____
= _____

20. $4 + 8$
= $\underline{4 + (\quad + \quad)}$
= _____
= _____
= _____

21. $9 + 9$
= $\underline{9 + (\quad + \quad)}$
= _____
= _____
= _____

22. $5 + 8$
= $\underline{5 + (\quad + \quad)}$
= _____
= _____
= _____

23. $7 + 9$
= $\underline{7 + (\quad + \quad)}$
= _____
= _____
= _____